

Table 5. Assessment Variables Affected by Potential CALFED Bay-Delta Program Actions: Marine Community

CALFED Programs and Components	Cause of Variability	Affected Assessment Variable	
		Primary	Secondary
Conveyance	Change in reservoir operations due to changes in Delta diversion timing and volume	Delta flow	Estuarine salinity, sediment movement, habitat, water quality, species interaction
Storage	Change in reservoir operations due to changes in available storage volume and locations	Delta flow	Estuarine salinity, sediment movement, habitat, water quality, species interaction
Water Use Efficiency	Change in reservoir operations due to changes in urban and agricultural water demand	Delta flow	Estuarine salinity, sediment movement, habitat, water quality, species interaction
Water Quality Improvements	Change in reservoir operations to provide water to dilute pollutant concentrations	Delta flow	Estuarine salinity, sediment movement, habitat, species interaction
	Reduction of discharges of water quality constituents of concern to aquatic habitats and water users, in addition to change in reservoir operations to provide water to dilute pollutant concentrations	Water quality	Estuarine salinity, species interaction
Ecosystem Restoration	Change in reservoir operations to provide environmental water	Delta flow	Estuarine salinity, sediment movement
	Protection, enhancement, and restoration of physical habitat, in addition to change in reservoir operations to provide environmental water	Habitat	--

C-000547

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		Primary	Secondary
Ecosystem Restoration	See "Water Quality Improvements"	Water quality	--
	Improvement of data management for fish harvest regulation	Fishing	--
	Management of fish hatchery production	Artificial production	--
	Control of introduced species, in addition to protection, enhancement, and restoration of physical habitat and change in reservoir operations to provide environmental water	Species interaction	--
Levee System Integrity	Not relevant to this aquatic community	--	--

## Notes:

-- = not relevant.

A primary assessment variable is directly affected by a CALFED action that may be included in one of the programs and components.

A secondary assessment variable is indirectly affected by CALFED actions and changes in response to primary variables.